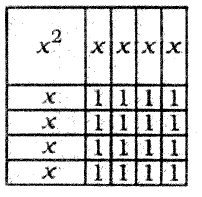
Algebra Chapter 10 Review

1. (4x2 + 9x -5) + (6x3 + 2x2 + 11x -7)
2. (5x2 + 8x - 9) - (4x2 + 10x -8)
3. 3x2(6x – x2 + 9)
4. (x + 2) (2x2 – 2x + 1)
5. (x – 7)(x +2)
6. (x-12)(x-4)
7. (2x + 3)2
8. Factor: x2 + 9x -36
9. Factor: 2x2 – 5x +12
10. Factor: 7x2 – 16x + 4
11. Factor: 25x2 – 70x + 49
12. Factor: 16x2 – 25
13. Factor: x2 - 12x + 36
14. Factor: 2x2 -10x – 48 **(GCF)**
15. Factor: 3x2 – 30 x + 27 **(GCF)**
16. Factor: 9x2 – 16
17. Find the solutions: (x – 2)(x + 9) = 0
18. Find the solutions: (4x -1)(x + 5)(3x + 8) = 0
19. Use factoring to solve: x2 + 3x – 4 = 0
20. Use factoring to solve: x2 + 3x – 18 = 0
21. Find the area:



1. The area of a rectangle is x2 – x - 12. Use factoring to find the dimensions.